

APPARATUS AND METHOD FOR POLISHING ROW BARS

ABSTRACT OF THE DISCLOSURE

An apparatus and a method for polishing a row bar including magnetic head sliders. A lapping surface plate is rotatable, and a housing is movable above the lapping surface plate. A jig is secured to the housing for holding the row bar. The jig is formed by an elongated rigid member having a plurality of holes and an elongated elastic member fixed to the rigid member. An air cylinder presses the whole row bar, and a pressing devices individually presses portions of the elastic member corresponding to magnetic head sliders of the row bar through the holes of the rigid member. A portion of the elastic member is deformed to press a portion of the row bar in response to a change in the measured resistance of ELG resistance elements in the row bar.